

DT17 Rec'd PCT/PTO 13 NOV 2002

PTO/SB/21 (08-00)

Approved for use through 12/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box → ☒

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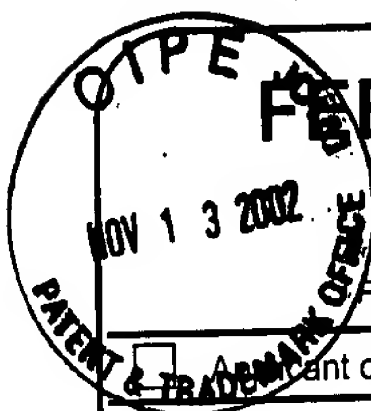
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/830,977	
	Filing Date	July 31, 2001	
	First Named Inventor	Ambs, Stefan	
	Group Art Unit	1645	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission	14	Attorney Docket Number	015280-358100US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard; Trans. Form SB/21 (1 pg.); Fee Trans. Form SB/17 (1 pg., 2 copies); Comm. under 37 C.F.R. Sec. 1.821-1.825 and Preliminary Amendment with Sequence Listing (4pgs); Seq. Listing diskette; Request for Corrected Filing Receipt (2pgs.); Copy of Official Filing Receipt (1 pg.); copy of Notification of Missing Requirements (2pgs.)
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm and Individual name	Townsend and Townsend and Crew LLP Annette S. Parent Reg. No. 42,058	
Signature		
Date	November 5, 2002	

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: November 5, 2002		
Typed or printed name	Lawanna J. Baird	
Signature		Date November 5, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 25

Complete if Known

Application Number	09/830,977
Filing Date	July 31, 2001
First Named Inventor	Ambs, Stefan
Examiner Name	Not yet assigned
Group Art Unit	1645
Attorney Docket No.	015280-358100US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	740	2001	370	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fees from below		Fee Paid
	-** =		X		=	
Independent Claims	-** =		X		=	
Multiple Dependent			X		=	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	400	2252	200	Extension for reply within second month	
1253	920	2253	460	Extension for reply within third month	
1254	1,440	2254	720	Extension for reply within fourth month	
1255	1,960	2255	980	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,280	2453	640	Petition to revive - unintentional	
1501	1,280	2501	640	Utility issue fee (or, reissue)	
1502	460	2502	230	Design issue fee	
1503	620	2503	310	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	740	2809	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	740	2810	370	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) Request for Corrected Filing Receipt

25

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

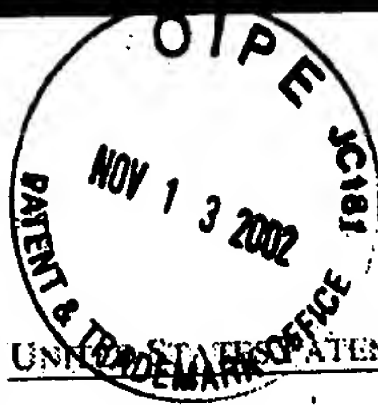
(\$)25

SUBMITTED BY

Name (Print/Type)	Annette S. Parent	Registration No. (Attorney/Agent)	42,058	Telephone	415-576-0200
Signature				Date	November 5, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. SF 1403248 v1



UNITED STATES PATENT AND TRADEMARK OFFICE

0,5280-358100US ASP
 Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/830,977	Stefan Ambs	15280-3581US

INTERNATIONAL APPLICATION NO.

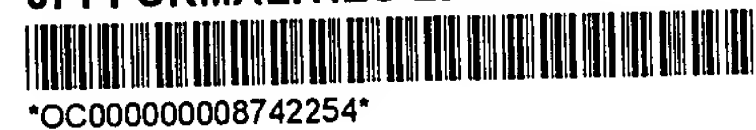
PCT/US99/27410

I.A. FILING DATE	PRIORITY DATE
11/17/1999	11/23/1998

Annette S Parent
 Townsend and Townsend and Crew
 Two Embarcadero Center 8th Floor
 San Francisco, CA 94111-3834

CONFIRMATION NO. 7226

371 FORMALITIES LETTER



OC00000008742254

Response Due 11/6/02 ALB

Date Mailed: 09/06/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Claims
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Drawings
- Initial Application Filing Fees
- Oath or Declaration
- Oath or Declaration
- Original Specification
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

- **APPLICANT MUST PROVIDE:**

- An initial or substitute computer readable form (CRF) of the "Sequence Listing."

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

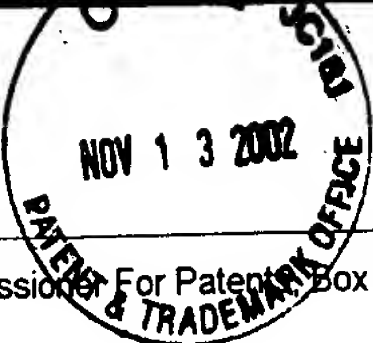
*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/830,977	PCT/US99/27410	15280-3581US

 ☒ Commissioner For Patent Box PCT, United States Patent and Trademark Office, Washington, D.C. 20231, www.uspto.gov

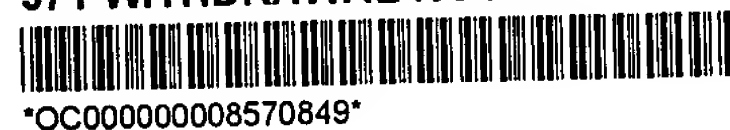
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/830,977	Stefan Ambs	15280-3581US

INTERNATIONAL APPLICATION NO.
PCT/US99/27410

IA. FILING DATE	PRIORITY DATE
11/17/1999	11/23/1998

Annette S Parent
Townsend and Townsend and Crew
Two Embarcadero Center 8th Floor
San Francisco, CA 94111-3834

CONFIRMATION NO. 7226
371 WITHDRAWAL NOTICE



Date Mailed: 09/06/2002

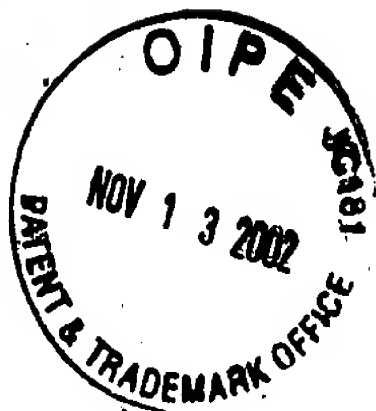
WITHDRAWAL OF PREVIOUSLY SENT NOTICE

The Acceptance Notice mailed on 08/15/2001 was sent in error and is hereby withdrawn. A corrected Notice is enclosed. The time period for reply runs from the mail date of the enclosed Notice. We apologize for any inconvenience this caused.

WINSTON M ALVARADO

Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents Washington, D.C. 20231
on November 5, 2002

Rec'd PCT/PTO 13 NOV 2002 PATENT
Attorney Docket No.: 015280-358100US
09/830977

By Lawrence J. David

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stefan Ambs, et al

Application No.: 09/830,977

Filed: July 31, 2001

For: p53 AND VEGF REGULATE TUMOR
GROWTH OF NOS2 EXPRESSING
CANCER CELLS

Examiner: Unassigned

Art Unit: 1645

REQUEST FOR CORRECTED FILING
RECEIPT

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

Sir:

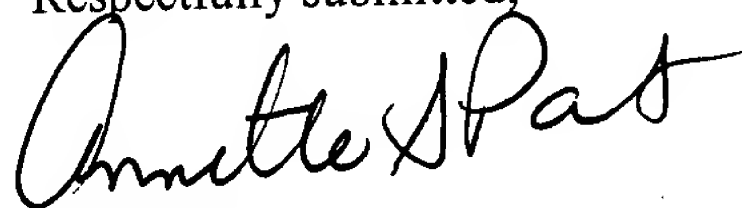
Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in the title which reads as follows: p53 AND REGULATE TUMOR GROWTH OF NOS 2 EXPRESSING CANCER CELLS should read as follows: p53 AND VEGF REGULATE TUMOR GROWTH OF NOS2 EXPRESSING CANCER CELLS

Attorney Docket No. 15280-358100US
Application No.: 09/830,977
Page 2

The correction is due to applicant's error and therefore the fee of \$25.00, pursuant to 37 CFR §1.19(h), is to be charged to Deposit Account No. 20-1430. Please charge any additional fees or credit overpayment to the Deposit Account No. 20-1430. This Petition is submitted in triplicate.

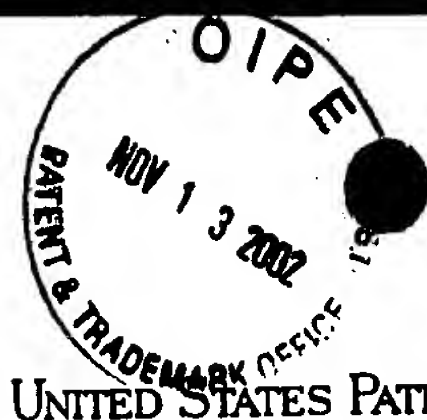
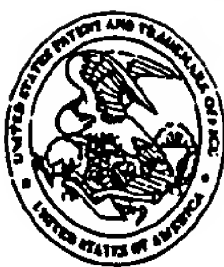
Respectfully submitted,



Annette S. Parent
Reg. No. 42,508

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
ASP:ljb

SF 151138 v1\SF 1403303 v1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/830,977	07/31/2001	1645	1106	15280-3581US	7	22	4

CONFIRMATION NO. 7226

Annette S Parent
Townsend and Townsend and Crew
Two Embarcadero Center 8th Floor
San Francisco, CA 94111-3834

FILING RECEIPT



OC000000006514944

AS Parent
01528035800US

Date Mailed: 09/05/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Stefan Ambs, Dedham, MA;
Curtis Harris, Garret Park, MD;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/US99/27410 11/17/1999
WHICH CLAIMS BENEFIT OF 60/109,563 11/23/1998

Foreign Applications

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

Title

~~Screening of nos2 modulators using p53 mutant cells~~

*p53 AND VEGF REGULATE Tumor GROWTH of NOS2 Expressing
CANCER CELLS.*